

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 37-22880

Exam Date: 9/29/2014

1. Current Owner: MARIANNE KRAMER
478 E 400 S
FAIRFIELD ID 83327
(208)764-2378

And

JIMMY D KRAMER
478 E 400 S
FAIRFIELD ID 83327
(208)764-2378

2. Accompanied by: In-office. Contacted owners at phone number above for POU clarification.

Phone No:

Address:

Relationship to Permit Holder:

3. SOURCETRIBUTARY

GROUND WATER

B. OVERLAP REVIEW

1. Other water rights with the same place of use:
2. Other water rights with the same point of diversion:

C. DIVERSION AND DELIVERY SYSTEM1. LOCATION OF POINT(S) OF DIVERSION:

GROUND WATER SE1/4NW1/4 Sec. 9, Twp 02S, Rge 15E, B.M. CAMAS County

Method of Determination: GIS/Well Log location description

2.

PLACE OF USE: STOCKWATER

Twp	Rge	Sec	NE				NW				SW				SE				Totals
			<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	
02S	15E	9								X									

Method of Determination:

3. ☒ Delivery System Diagram Attached (required). Indicate all major components and distances between components. Indicate weir size/pipe as applicable.
- ☒ Map Attached Showing Location(s) of point(s) of diversion and place(s) of use (required). Scale must be 1:24,000 or greater.
- ☐ Aerial Photo Attached (required for irrigation of 10+ acres).
- ☐ Photo of Diversion and System Attached

4.

Well or Diversion

<u>ID No.*</u>	<u>Motor Make</u>	<u>Hp</u>	<u>Motor Serial No.</u>	<u>Pump Make</u>	<u>Discharge Size</u>
D0020187		1.5			

*Code to correspond with No. on map and aerial photo

D. FLOW MEASUREMENTS

1.

<u>Measurement Equipment</u>	<u>Type</u>	<u>Make</u>	<u>Model No.</u>	<u>Serial No.</u>	<u>Size</u>	<u>Calib. Date</u>

2. Measurements: N/A

E. FLOW CALCULATIONSX Additional Computation Sheets Attached

Measured Method: Theoretical calculation; see attached sheet

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation: No volume needed. Right limited to 13,000 gpd.

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) =$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 =$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} =$$

2. Volume Calculations for Other Uses

G. NARRATIVE/REMARKS/COMMENTS

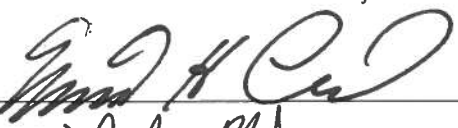
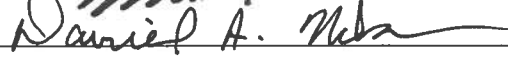
Place of use located per legal descriptions. POD and associated well located per location description on well log. Theoretical calculation for rate uses static water level on log and confirms well/pump capable of 0.02 cfs. I contacted owners to determine extent of use. The only stock tank is in the SENW Section 9. I explained that this would be the only POU legal on the license and they understood. I have removed all other POU legal descriptions.

Have conditions of permit approval been met? X Yes ____ No**H. RECOMMENDATIONS****1. Recommended Amounts**

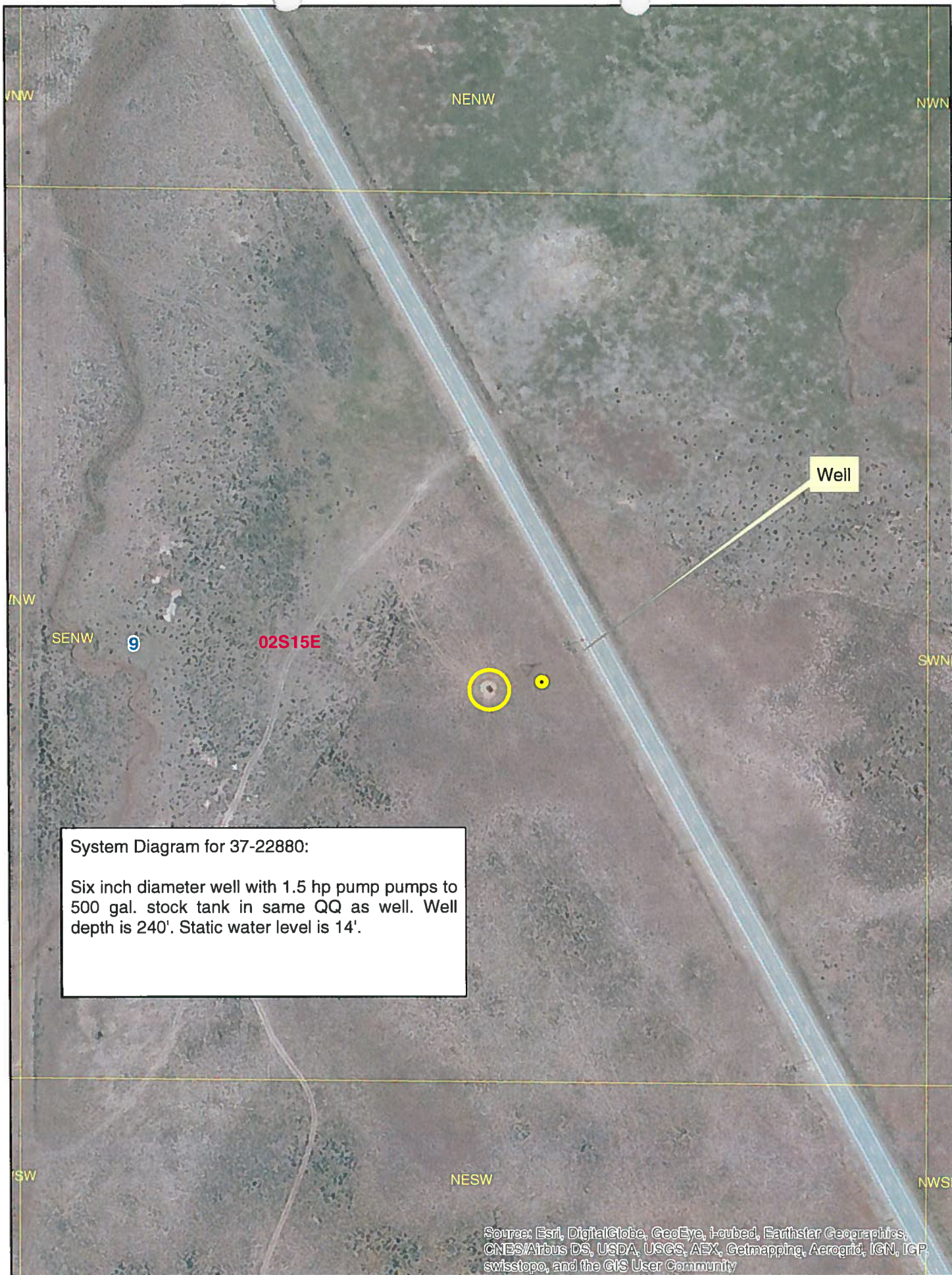
<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>DIVERSION RATE</u>	<u>ANNUAL VOLUME</u>
STOCKWATER	01/01 to 12/31	0.020 CFS	
<u>Totals:</u>		0.020 CFS	

2. Recommended Amendments____ Change P.D. as reflected above ____ Add P.D. as reflected above X NoneX Change P.U. as reflected above ____ Add P.U. as reflected above ____ None

I. **AUTHENTICATION:** Michael Ciscell Senior GIS Analyst

Field Examiner's Name  Date 9/29/2014
Reviewer  Date 9-29-14

THEORETICAL HORSEPOWER EQUATION WORKSHEET (cjh 1/92)							
Water Right No.:	37-22880						
Reviewer:	Michael Ciscell						
Date of Review:	9/26/2014						
P/D No.: D0020187		Scenerio 1		Scenerio 2		Scenerio 3	
PUMP HORSEPOWER		1.5		1.5		1.5	
BOOSTER HORSEPOWER		0		0		0	
PUMPING LEVEL		14		14		14	
DISCHARGE PRESSURE		40		50		60	
							AVE
RATE OF FLOW (cfs)		0.09		0.07		0.06	0.07
(gpm)		39.0		32.0		27.2	32.73
The above calculates the formula =		Q =		$8.8 * (\text{Efficiency}) * \text{hp}$ $\text{depth to water} + 2.31 * (\text{psi}) + \text{friction}$			
Assumptions:	%70 efficiency.						
	No Friction						
Examiners Notes:	Data collected from well log in-office on 9/26/2014.						
	Well discharges into 500 gallon stock tank. To determine the well capacity before tank						
	assumed discharge pressure senerio's of 40, 60, 80. Since the above theoretical contains several						
	assumptions, I think it is reasonable to support the 0.02 cfs capacity recommended by the						
	field examiner.						



Source: Esri, DigitalGlobe, GeoEye, i-cubed, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community

WELL DRILLER'S REPORT

Per 771514

Driller or Operator _____ Date _____
(Sign once if Firm Official & Operator)

ANALYSIS SHEET FOR PROOF OF BENEFICIAL USE

Permit No.: 37-22880

Reviewed By: dblock

Date: September 19, 2014

	<u>Yes</u>	<u>No</u>		<u>Yes</u>	<u>No</u>
Proof received timely?	X		Drilling permit required?	X	
License examination fee required?		X	Drilling permit No.:		D0020187
Appropriate fee submitted?			Drilling permit upgrade needed?		X
Receipt No.:		S034100,	Well driller's report filed?		X
Additional Amount Due:			Measuring device required?		X
Name and address same as permit?	X		Measuring device installed?		
Are the water uses correct?	X		Measure device waiver requested?		

Priority Calculation

Date proof received		09/03/2014
Date proof due	-	09/01/2015
Lapse notice sent	-	
No. of days late	=	0
Holiday allowance	+	
Priority date	+	06/23/2014
New priority date	=	06/23/2014

Deficiencies of Actions Items

Proof deemed acceptable. Gave file to Dan Nelson for license review. Dan will data enter the proof made date in AdHoc at the time of licensing.